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**From:** Lindstrom, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=04BF7CF26AA44CE29763FBC1C1B2338E-LINDSTROM, ANDREW]  
**Sent:** 8/28/2019 6:46:22 PM  
**To:** Bergman, Erica [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user69ab393b]; Washington, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fdc3e8ce9f1d45c4894881ff420ca104-Washington, John]; Goodrow, Sandra [Sandra.Goodrow@dep.nj.gov]  
**CC:** Pilant, Drew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c9669a68dabb4704bdd7c2eb85f998b2-Pilant, Drew]; Tadesse, Haile [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=114d2e5f74bf4c958eff767e15479552-Tadesse, Ha]  
**Subject:** RE: Questions on PFAS-related facilities near/in NJ

Erica,

The number of potential sources in this region is why we're interested in gaining access to NJ DEPs database on PFAS sources and measurements. If we could place all of the available information on our new PFAS GIS capability, it would help us establish a definitive compilation of sources, measurements, industrial classification types, emissions inventory information, weather patterns, water resources, and potentially exposed populations.

From my perspective, as a user of these data, it would be extremely helpful to have all of these data available in one place to help us develop and overall understanding of what might be happening. New Jersey is perfect for this because of the relatively large number of potential sources in a small area.

I hope we can pick up with this discussion after the Labor Day break and after Sandra returns and gets caught up.

Thank you very much,

Andy

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**From:** Bergman, Erica <Erica.Bergman@dep.nj.gov>  
**Sent:** Wednesday, August 28, 2019 2:04 PM  
**To:** Washington, John <Washington.John@epa.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>  
**Cc:** Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>  
**Subject:** RE: Questions on PFAS-related facilities near/in NJ

John,

Sandra has been working on mapping potential PFAS sources in NJ, so she would be best to talk to, however she is on vacation until Sept.5. I'm not sure how much she knows about industry outside NJ.

I believe the King of Prussia, PA Arkema location is research & development and was not linked to PFAS production or use. I'm not sure about the other Arkema locations.

Asahi in Bayonne, NJ is no longer operating and has not been for some time (there is now a shopping mall at that location). They did use PFAS, primarily PFOA, with PFNA present at lower concentrations. They have extensive groundwater impacts with high concentrations of PFAS, but luckily it is not a groundwater use area. It is also unknown if they ever had an air discharge. Let me know if you need any more details about Asahi and I can provide you with case manager contact information.

You may also know that Solvay purchased their SURFLON from Asahi in Japan.

Sandra may be able to add to this, sorry I couldn't be of more help.

Erica

*Erica Bergman*

**NJ Department of Environmental Protection**

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**From:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>

**Sent:** Wednesday, August 28, 2019 9:00 AM

**To:** Bergman, Erica <[Erica.Bergman@dep.nj.gov](mailto:Erica.Bergman@dep.nj.gov)>; Goodrow, Sandra <[Sandra.Goodrow@dep.nj.gov](mailto:Sandra.Goodrow@dep.nj.gov)>

**Cc:** Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>

**Subject:** [EXTERNAL] Questions on PFAS-related facilities near/in NJ

Hi Erica and Sandra,

I have started drafting a manuscript on the NJ soils-PFAS. As part of the introduction, I am discussing the EPA PFOA Stewardship Program, in which eight firms were signatories agreeing to cut use of long-chain PFAS. As I was reviewing this, I was surprised to find that six of these eight firms have facilities in or near New Jersey. I am pasting my summary below. I have some uncertainties for this list that I wanted to check on with you. In particular:

- 1) Asahi's Stewardship memo indicates they had PFAS production in Bayonne, but I remain uncertain whether the following include PFAS production/use or are just offices: Arkema, Ciba, Daikin; and
- 2) Arkema's Stewardship memo indicates that they used PFNA and some of their locations are not far from Solvay. What do you know about Arkema and PFNA use or release?

Are either of you free to talk on the phone today?

Thanks,

John

PFOA Stewardship Program Industries		
190828		
JW		
Signatory Firm	Sites (near/in New Jersey)	Likely Manufacturing/Use Near NJ?
3M/Dyneon	St Paul, Minn	no
Arkema Inc.	Birdsboro, PA, Bristol, PA, Exton, PA, King of Prussia, PA, West Chester, PA	Used PFNA but where???
Asahi Glass	Bayonne, NJ	yes (according to Stewardship memo)
Ciba Specialty Chemical	New Port, DE	
Clariant International	Germany	no
Daikin America, Inc.	Orangeburg, NY	
DuPont	Wilmington, DE, Penns Grove, NJ	yes
Solvay Solexis	West Deptford, NJ	yes

**From:** Bergman, Erica <Erica.Bergman@dep.nj.gov>

**Sent:** Friday, August 9, 2019 2:14 PM

**To:** Buckley, Timothy <Buckley.Timothy@epa.gov>; Azzam, Nidal <Azzam.Nidal@epa.gov>

**Cc:** Sullivan, Kate <Sullivan.Kate@epa.gov>; Washington, John <Washington.John@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>

**Subject:** RE: NJ DEP Report #4 NTA Water

Tim,

I apologize for not getting back to you, having some difficulty retrieving voicemail, but received your call regarding wanting to discuss this further. Do you still want to set up a time to discuss? I'd like to include Sandra Goodrow.

Next Weds, Thurs would be best for us.

Thanks, Erica

*Erica Bergman*

**NJ Department of Environmental Protection**

Site Remediation Program – Bureau of Case Management

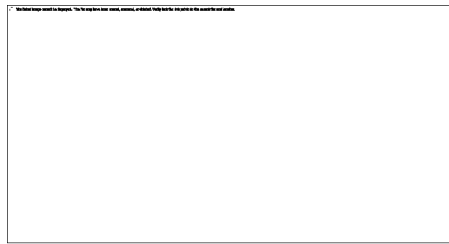
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**From:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>

**Sent:** Tuesday, July 30, 2019 8:03 AM

**To:** Azzam, Nidal <[Azzam.Nidal@epa.gov](mailto:Azzam.Nidal@epa.gov)>; Bergman, Erica <[Erica.Bergman@dep.nj.gov](mailto:Erica.Bergman@dep.nj.gov)>

**Cc:** Sullivan, Kate <[Sullivan.Kate@epa.gov](mailto:Sullivan.Kate@epa.gov)>; Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>

**Subject:** [EXTERNAL] NJ DEP Report #4 NTA Water

Nidal and Erica,

We are reconsidering what we can report given discrepancy in some duplicates. We are pursuing two actions in parallel: 1) revising the report to describe the PFAS detected and where but without semi-quantitation; and 2) investigating the option of rerunning sample extracts.

Our RTP labs have been shut down for the last month or so. We are expecting to be back in operation early next week.

I'm sorry for the delay in getting these results to you.

Tim Buckley

Timothy J. Buckley, Ph.D.

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